

Total Waste Management Services at Austin Bergstrom International Airport

Carrie Stefanelli

City of Austin – Department of Aviation



Austin-Bergstrom
International Airport

Austin-Bergstrom International Airport (ABIA)

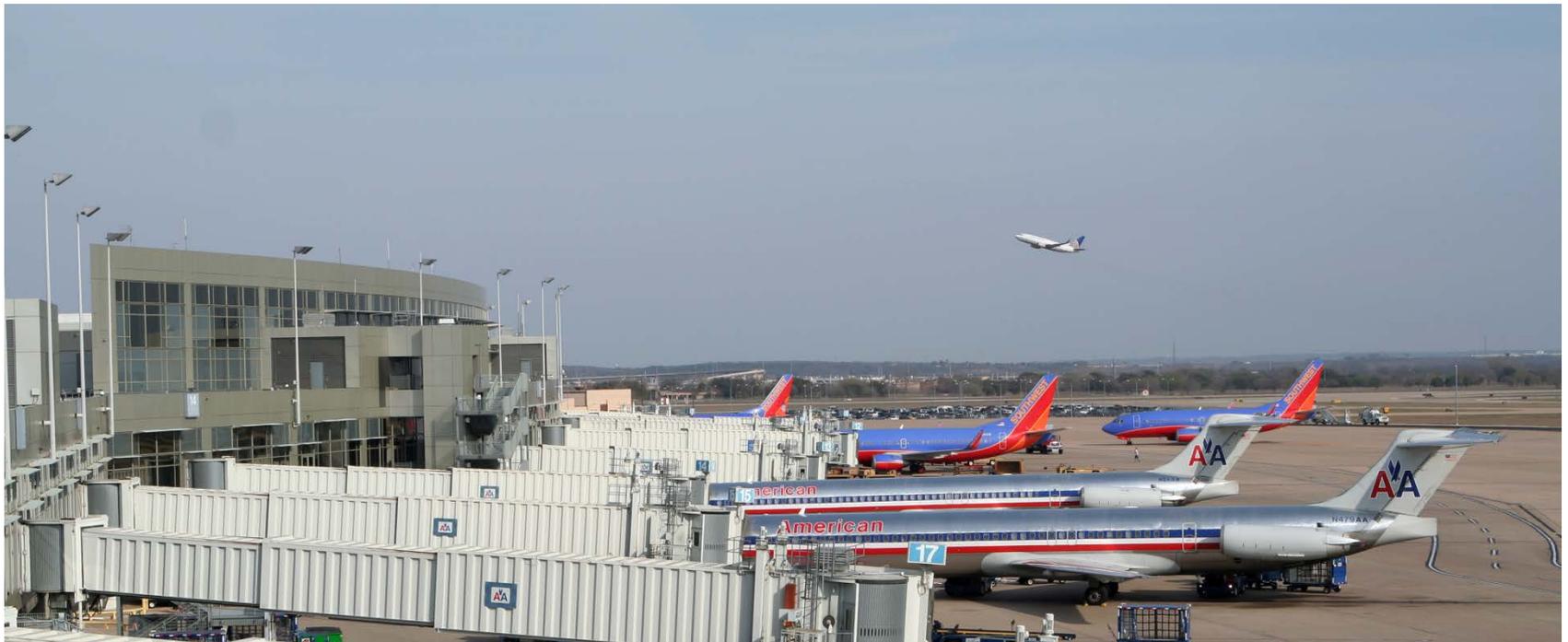
- Operated by City of Austin – Department of Aviation (DOA)
- Opened May 23, 1999
- Formerly Bergstrom Air Base
- Commercial, cargo, general aviation and government



- 44 non-stops
- Over 150 daily departures to 47 destinations in the U.S., Mexico, United Kingdom and soon Toronto

Austin-Bergstrom International Airport

- 2014 Stats:
 - 10.7 million passengers (7% increase from 2013, a record year)
 - 155 million lbs. cargo
 - 86 businesses
 - Supports over 48,000 jobs
 - 400+ number of city employees
 - 3400+ total employees
- ABIA is a self sustaining enterprise department
 - Generates its own revenue to cover operating cost and future improvements
 - No general fund tax dollars are allocated to ABIA





Total Waste Management (TWM) Services Overview

- Being a leader in waste diversion is a priority for the Austin community and ABIA.
- Goals of ABIA's new contract:
 - To transition from traditional waste collection to an innovative approach that focuses on waste reduction and resource recovery.
 - To improve upon the Department's current waste management services and incorporate additional waste types to form a comprehensive program.
 - To support the City of Austin's Zero Waste commitment to reduce waste sent to landfills by 90% by 2040.
 - To assist the DOA and its business partners with Universal Recycling Ordinance (URO) compliance.
 - To align ABIA's waste diversion programs with ABIA's sustainability goals and the City of Austin's "Imagine Austin" plan.

ABIA Environmental Sustainability

ABIA's strategy for future sustainable growth

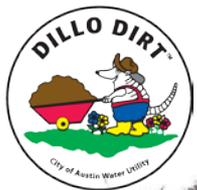


City of Austin's "Imagine Austin" principles

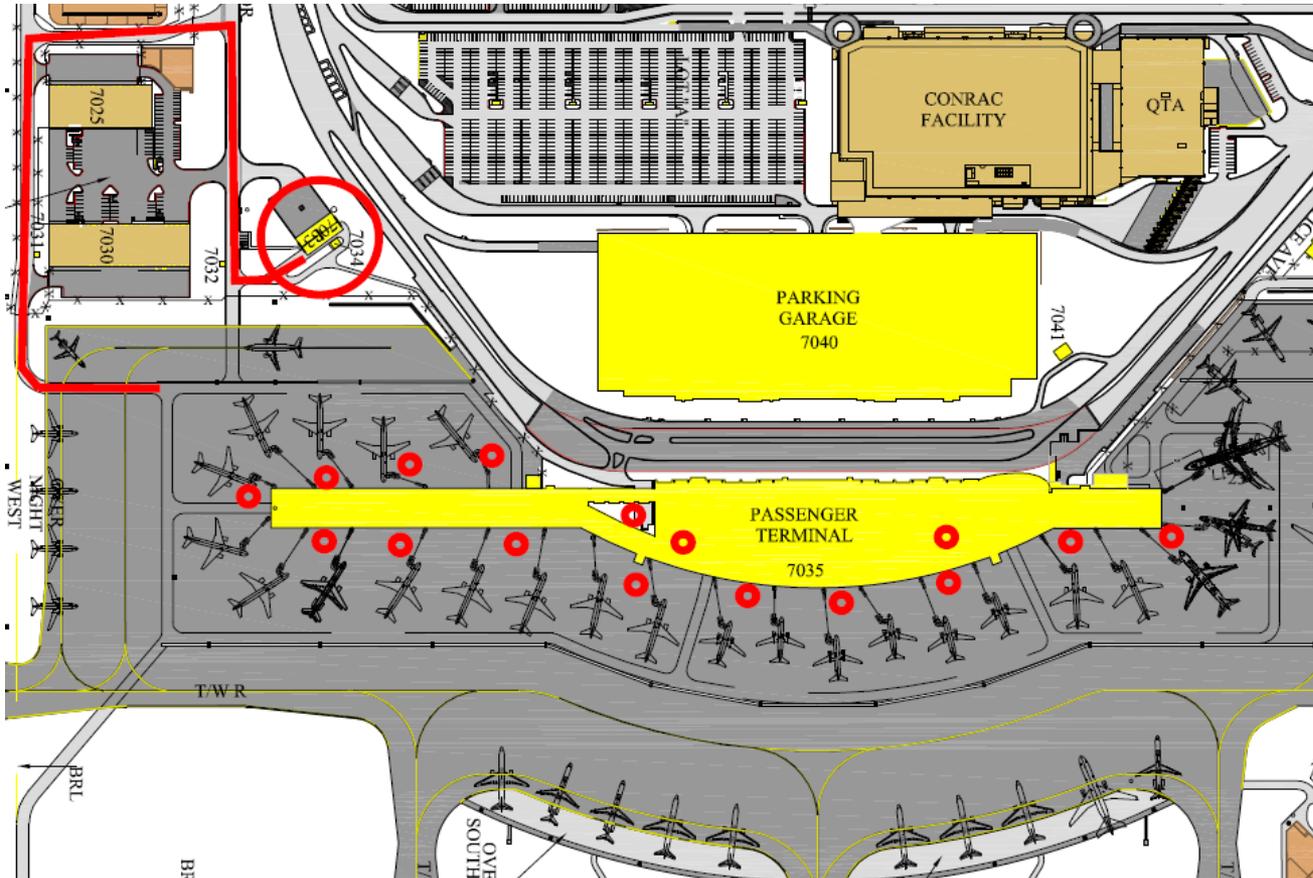


ABIA Current Waste Diversion Program

- Several airport waste/recycle streams: municipal solid waste (MSW), construction and demolition (C&D) waste, organics (green waste such as brush and grass clippings, food waste), deplaned waste (bottles, cans, cups, napkins food, newspapers, magazines, etc.), spill cleanup waste, electronic waste, and industrial and hazardous waste (IHW).
- ABIA recycles: batteries, lamps, ballasts, oil, C&D, brush, scrap metal, electronics, appliances and single-stream recyclables.
- 2014 diversion rates:
 - 13% (Terminal)
 - 36% (DOA Office Complexes)
- Recycled 7.5 million lbs. of construction and demolition material (2014).
- The DOA regularly conducts waste management and diversion training, analyzes data, and identifies trends or issues to continually improve.
- The DOA is currently working with the Austin Materials Marketplace to identify reuse opportunities for ABIA materials.



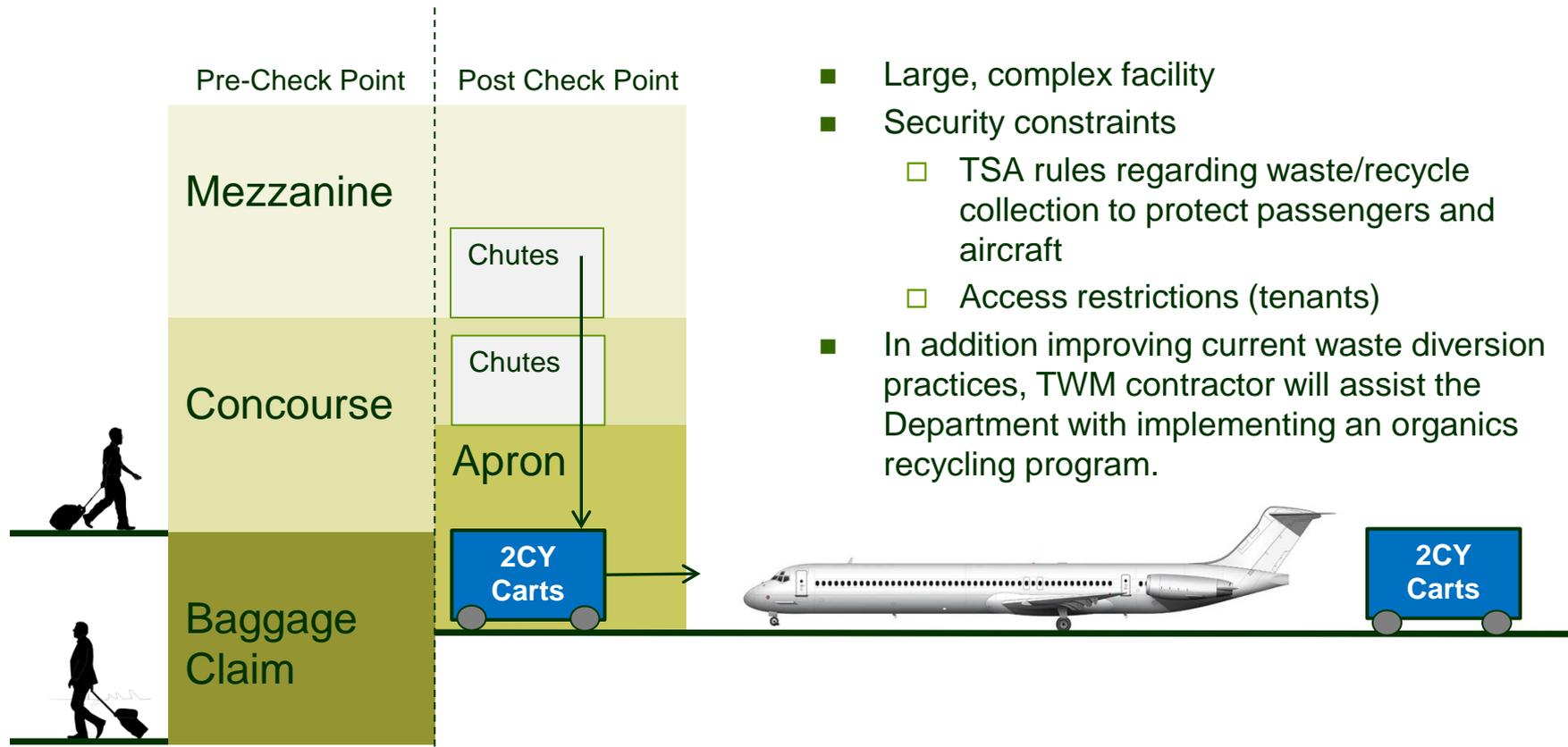
Consolidated Terminal Waste and Recycle Collection Points



● = Collection point (carts)



Terminal Interior Waste and Recycle Collection System



- Large, complex facility
- Security constraints
 - TSA rules regarding waste/recycle collection to protect passengers and aircraft
 - Access restrictions (tenants)
- In addition improving current waste diversion practices, TWM contractor will assist the Department with implementing an organics recycling program.

Contract Highlights

This comprehensive Total Waste Management contract includes:

- Equipment and services to support current terminal operations (waste and recycle collection, equipment and collection area cleaning and maintenance, reporting).
- Equipment and services to support future terminal expansion areas.
- DOA Office Complexes:
 - waste, recycling and organics
 - industrial waste (e.g. batteries, fluorescent bulbs, motor oil, hazardous waste, special waste)
- Implement a terminal organics recycling program within 6 months of contract execution.
 - Note: Airport concessions are subject to the organics recycling requirement of the URO on October 1, 2018.
- Consulting services to improve waste diversion
- Annual waste and recyclables sort and follow-up recommendations report
- Comprehensive reporting:
 - All waste, recycling and organics weights and diversion numbers.
 - Equipment inventories and maintenance activities.
 - Observations and recommendations.
- Complies with City of Austin's Living Wage Resolution No. 20141016-035, which requires a minimum wage of \$11.39/hour.



Contractor evaluation and selection

- Request for Proposal (RFP) procurement method used.
- RFP evaluation components: program plan, concept and solutions, background, qualification, prior experience, cost, equipment offers, and local business presence.
- RFPs evaluated by Department of Aviation and Austin Resource Recovery (ARR) employees knowledgeable in waste diversion.
- Evaluation team unanimously recommended Texas Disposal Systems, Inc. (TDS) as the best proposer .
- TDS team demonstrates a collaborative and synergistic relationship which is key to providing quality service and driving improvements in waste diversion.
 - Maintaining uninterrupted service at the airport is essential to preventing impacts to airport operations.
 - Maintaining equipment, open communication, and providing quality data are essential to improving waste diversion.
- TDS team has implemented successful waste diversion programs for large clients with challenging facilities, including organics recycling programs.
- TDS has ability to process landfill waste, recyclables and organics on one campus.

Questions?



Thank You!